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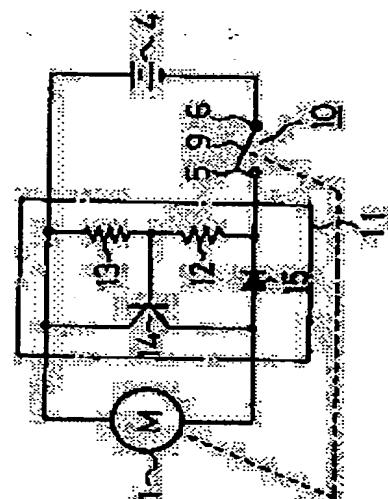
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(54) BRAKE UNIT OF DC MOTOR

(57)Abstract:

PURPOSE: To improve the positional accuracy of an output shaft by shortcircuiting between both terminals of a DC motor when the motor is deenergized to generatively brake the motor, thereby immediately stopping the output shaft.

CONSTITUTION: When a brush 9 is slidably contacted with switch patterns 5, 6 to close a switch 10, a transistor 14 is interrupted, and an output shaft and the brush 9 are rotated together with a motor 1. When the brush 9 arrives at the cutout of the pattern 6, the switch 10 is opened, and the motor is rotated by an inertia. At this time, the transistor 14 is conducted by a current generated in the motor 1, the motor 1 is shortcircuited between both terminals to generatively brake the motor 1.



LEGAL STATUS

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